

ABSTRACT

By using a charge-transporting thin film which is made
5 of charge-transporting varnish containing, as an
electron-acceptor material, a 1,4-benzodioxane sulfonic acid
compound represented by the formula (1) below especially in
an OLED device or a PLED device, there can be realized
excellent EL device characteristics such as low driving
10 voltage, high luminous efficiency and long life.

